Via Incisa 1, 37022
Fumane VR, Italy
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VAT: IT02702580214

Used TMG Strio 2S1 palletizer 14000 BPH

Machine type:	Palletizer
Ref:	PAL61
Model:	Strio 2S1
Year:	2003
Speed:	14000 Bottles/hour
Condition:	Ready For Operation
Formats:	1 L
Containers:	Glass, PET
Products:	Beer, Oil, Spirits, Water (Sparkling), Water (Still), Wine (Sparkling), Wine (Still), CSD

Technical details

Product type:	Bundles	Palletizer Type:	Conventional Automatic
Type of operation:	Fixed	Type of Handling:	Low level
Layering/Padding system:	Yes	Supported pallet dimensions:	["Eur-Epal pallet, 800x1200 mm"]
Unit of measure for speed:	["bottles per hour"]	Safety features:	Yes
Manuals:	No	Voltage:	400 V

Description

Used TMG Strio 2S1 palletizer 14000 BPH

Technical Specifications & Performance Data

The TMG Strio 2S1 Palletizer is a robust solution for end-of-line packaging in beverage production and industrial packaging environments. Designed to handle multiple container materials and pack styles, it delivers reliable throughput for used bottling line applications and second hand packaging upgrades. Manufactured by TMG in 2003, this palletizer supports wrap-around, tray, and film packages, making it a versatile choice for high-mix operations.

- **Manufacturer:** TMG
- **Model:** Strio 2S1
- **Year:** 2003

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- **Production speed:** up to 14,000 bottles per hour
- **Pack configurations:** wrap-around, tray, film
- **Container materials:** PET, Glass, Aluminum (cans)
- **Current formats:** 0.33L, 0.5L, 0.75L, 1.0L
- **Supported pallets:** Eur-Epal 800x1200 mm
- **Working height (conveyor level):** 750 mm
- **Electrical supply:** 400 V, 3-phase + T
- **Compressed air:** 6 bar
- **Control:** Siemens PLC with HMI S7-300
- **Auxiliary system:** Automatic layer-pad inserter

Advanced Automation & Control Systems

Engineered for dependable automation, the palletizer features a Siemens PLC and an operator-friendly HMI based on the S7-300 platform. This control architecture ensures precise motion coordination, consistent layer formation, and straightforward diagnostics. Recipe-based operation enables quick selection of formats and pack patterns, while the automatic layer-pad inserter enhances load stability and minimizes manual intervention. The 400 V, 3-phase power supply supports industrial duty cycles in demanding beverage production environments.

Production Line Integration Capabilities

The TMG Strio 2S1 integrates smoothly into existing bottling equipment and packaging machinery. It can operate inline with shrink wrappers, wrap-around case packers, and tray packers, or as a standalone palletizing cell. Its compatibility with PET, glass, and aluminum containers across 0.33L to 1.0L formats provides multi-product flexibility for water, CSD, beer, wine, milk, oil, and spirits. Standard pallet handling for Eur-Epal 800x1200 mm simplifies logistics and downstream pallet wrapping.

Machine Condition & Maintenance History

Available used and ready for operation. The unit can be supplied overhauled and guaranteed, or on an as-is basis depending on production needs. This flexibility supports rapid commissioning for second hand line expansions or phased maintenance strategies.

Operational Performance & Versatility

Built for high uptime and consistent performance, the Strio 2S1 manages wrap-around, tray, and film-packed units with accurate layer formation. The automatic layer-pad inserter optimizes load stability for transport. Its broad container material compatibility makes it suitable for beverage production, including still and sparkling water, soft drinks, beer, wine, milk, oil, and spirits, as well as mixed-format industrial packaging.

Installation Requirements & Site Preparation

The machine requires a 400 V, 3-phase + T electrical connection and 6 bar compressed air supply. The working plane height of 750 mm facilitates alignment with upstream conveyors and packers. Standard pallet size handling (800x1200

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mm) eases layout planning with existing warehouse and logistics systems.

Safety Standards & Compliance Certification

The palletizer is equipped with industrial safety guarding and operator protections consistent with modern packaging machinery practices, including emergency stop interfaces through the Siemens-controlled system. Stainless and coated structural elements support hygiene and durability requirements commonly found in beverage and food packaging environments.